IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Appln. Of

Inventor(s): Sugar et el. Group Art Unit: 2681

Application No.: 10/707,447 Confirmation No.: 1446

Filing Date: December 15, 2003 Attorney Docket No.: Cognio97US

Title: SIGNAL INTERFACING TECHNIQUES TO SIMPLIFY INTEGRATED CIRCUIT RADIO DESIGNS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sirs:

Pursuant to the duty of disclosure requirements of 37 CFR 1.56, this Information Disclosure Statement is being submitted for entry in the above-identified application. It is being filed before the undersign's knowledge of the mailing of the first Office Action on the merits. Thus, no fee is believed due.

Attached is a form PTO-1449, together with copies of the cited references. The Examiner's consideration of the references is respectfully requested.

Respectfully submitted,
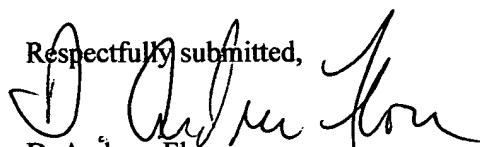
D. Andrew Floam
Reg. No. 34,597
Date: March 19, 2004

Cognio, Inc.
101 Orchard Ridge Drive, Suite 350
Gaithersburg, Maryland 20878
Phone: 301-944-1447
Fax: 240-631-1943

I, D. Andrew Floam, hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450 Alexandria, VA 22313-1450
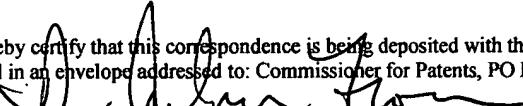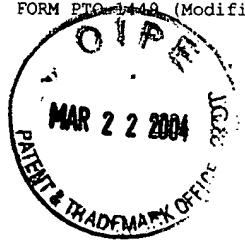
COGNIO, INC.
101 ORCHARD RIDGE DRIVE, SUITE 350
GAITHERSBURG, MARYLAND 20878

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: Cognio97US	GROUP ART UNIT: 2681
SERIAL NO.: 10/707,447	FILING DATE: December 15, 2003
APPLICANT(S): Sugar et al.	TODAY'S DATE: March 19, 2004

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Author, Title, Date, Pertinent Pages, Etc
CA	Maxim, "Charlieplexing EReduced Pin-Count LED Display Multiplexing," APP 1880: February 10, 2003.

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)

JCH-5/01-111a